Index of Claims

Application No.

10/627,869

Examiner

Chandrika Prasad

Applicant(s)

SHIMADA, HIDEO

Art Unit

2839

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected Ν Interference

App al Α 0 Objected

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|          |                 | , <u> </u>   |          |              |                    |                    |          |          |            |   |     |       |              |                     |              |              |        |          |          |   |
| Cla      | Date            |  |          |              |                    |                    |          |          | Claim      |   |     |       | Date         |                     |              |              |        |          |          |   |
|          | -a              | 80.31.   | ł        |              |                    |                    |          |          |            |   |     |       | <del>-</del> |                     |              |              |        |          |          | l |
| Final    | <b>Original</b> | i  |          |              |                    |                    |          |          |            |   |     | Final | Original     |                     |              |              |        |          | ĺ        | l |
| ίΞ       | Ž               | 7  |          |              |                    |                    |          |          |            |   |     | ίΞ    | )rį          |                     | ł            |              |        |          |          | l |
|          | لقا             | 3  | _        |              |                    |                    |          | L        |            |   |     |       |              |                     |              | ┙            |        |          |          | L |
|          | 0               | V  |          |              |                    |                    |          |          |            |   |     |       | 51           |                     |              |              |        |          |          | I |
|          | 3               |  |          |              |                    |                    |          |          |            |   |     |       | 52           |                     |              |              |        |          |          | I |
|          |                 |  | _        |              |                    |                    |          |          |            |   |     |       | 53           |                     |              |              |        |          |          | Γ |
|          | 4               | V  |          |              |                    |                    |          |          |            |   |     |       | 54           |                     |              |              |        |          |          | Γ |
|          | 5               | 1  |          |              |                    |                    |          |          |            |   |     |       | 55           |                     | П            |              |        |          |          | Γ |
|          | 6               | П  |          |              |                    |                    |          |          |            |   |     |       | 56           |                     | T            |              |        |          |          | Τ |
|          | 6<br>(7)        | П  |          |              |                    |                    |          |          |            |   | 1   |       | 57           |                     | П            | Ī            |        |          |          | Γ |
|          | 8               | П  |          |              |                    |                    |          |          |            |   | 1   |       | 58           |                     |              |              |        | -        |          | Γ |
|          | 9               | П  |          |              |                    |                    |          |          |            |   | 1 1 |       | 59           |                     |              |              |        |          |          | T |
|          | 10              | V  |          | Г            |                    |                    |          |          |            |   | 1 1 |       | 60           |                     |              |              |        |          |          | T |
|          | 11              |  |          | Г            | Г                  |                    |          |          |            |   | 1 1 |       | 61           | $\Box$              |              |              |        |          |          | T |
|          | 12              |  |          |              | Τ                  |                    |          |          |            |   | 1 1 |       | 62           |                     | $\top$       |              |        |          |          | T |
|          | 13              | <u> </u>   |          |              |                    |                    |          |          |            |   | 1 1 |       | 63           |                     | 寸            |              |        |          |          | T |
|          | 14              |  |          |              |                    |                    |          |          |            |   | 1 1 |       | 64           |                     | $\top$       | T            |        | _        |          | t |
|          | 15              |  |          |              | T                  | $\vdash$           |          |          |            |   | 1 1 |       | 65           | $\dashv$            | 十            | _            | $\neg$ |          | _        | t |
|          | 16              | ┢  |          |              | <u> </u>           |                    |          |          | _          |   | 1 1 |       | 66           | $\vdash$            |              | 寸            | _      |          | $\vdash$ | t |
|          | 17              | ┝  | $\vdash$ |              | <del>  -  </del>   |                    | -        |          |            |   | 1 1 |       | 67           |                     | _            | 7            | _      |          | $\vdash$ | t |
| _        | 18              | -  | ┢        | _            | ┪                  | ╁                  | _        | _        | _          |   |     |       | 68           | $\dashv$            | 十            | +            |        | _        | -        | t |
|          | 19              |  | -        | <del> </del> | ┢                  | -                  | ╁╌       |          |            |   |     |       | 69           | $\vdash$            | +            | $\dashv$     |        |          |          | t |
| -        | 20              | ┝  | -        | ├            | ┝                  | -                  | ├        | -        | -          |   |     |       | 70           | $\dashv$            | +            | $\dashv$     |        | _        | $\vdash$ | t |
| $\vdash$ | 21              |  |          |              | ├                  | ├─                 | -        |          | -          |   | 1   |       | 71           |                     | +            | $\dashv$     | -      | _        | ⊢        | t |
| <b> </b> | 22              | $\vdash$   | ┢        | ⊢            | $\vdash$           | ├-                 | ├        | -        | _          |   |     |       | 72           | -                   | +            | $\dashv$     |        |          | ⊢        | t |
| <b></b>  |                 | $\vdash$   | -        |              | $\vdash$           |                    | ┢        | -        | -          |   |     |       | 73           |                     |              | $\dashv$     |        | _        | ┢        | ╁ |
| <u> </u> | 23              |  |          |              | ┝                  | _                  |          | <u> </u> | -          |   |     |       | 74           |                     | +            | $\dashv$     |        |          | -        | ╀ |
|          | 24              | $\vdash$   | $\vdash$ | $\vdash$     | -                  | -                  |          |          | _          |   |     |       | 75           |                     | +            | $\dashv$     |        |          | $\vdash$ | ╀ |
|          | 25              | <u> </u>   | ├        | ⊢            | ⊢                  | <del> </del>       | ├        | _        | -          |   |     |       | 70           | $\vdash$            | +            | -            |        |          | $\vdash$ | ╀ |
|          | 26              |  |          |              | -                  | -                  | $\vdash$ |          | _          |   |     |       | 76           | $\vdash$            | -+           | -            | _      |          | ⊢        | ╀ |
| <u> </u> | 27              | _  | _        | _            | $\vdash$           |                    | $\vdash$ | _        | _          | _ |     |       | 77           |                     | -            | -            | _      |          | <u> </u> | ╀ |
|          | 28              | <u> </u>   |          | <u> </u>     | <del> </del>       | <u> </u>           | -        | _        | -          |   |     |       | 78           | $\dashv$            | 4            | 4            |        |          | _        | ╀ |
| <u> </u> | 29              | _  | -        |              | -                  | <u> </u>           | <u> </u> | <u> </u> | L          |   |     |       | 79           | $\dashv$            | +            | -            |        | _        | <u> </u> | ╀ |
| ļ        | 30              | _  | <u> </u> | <u> </u>     | <u> </u>           | _                  |          | ļ        | -          | _ |     |       | 80           | $\rightarrow$       | +            | 4            | _      |          | _        | ╀ |
|          | 31              | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>           | <u> </u>           | <u> </u> | <u> </u> | $\vdash$   | _ |     |       | 81           | $\dashv$            | $\dashv$     | 4            | _      |          | _        | ╀ |
|          | 32              | ļ  | <u> </u> | <del> </del> | <u> </u>           | ļ                  |          | <u> </u> |            |   |     |       | 82           | $\vdash$            | $\dashv$     | 4            | _      |          | <u> </u> | ╀ |
|          | 33              |  | L        | <u> </u>     |                    | ļ                  | ļ        | <u> </u> |            |   |     |       | 83           | $\dashv$            | _            | 4            |        | L.,      | _        | ╀ |
|          | 34              | <u> </u>   | <u> </u> | <u> </u>     | ļ                  | <u> </u>           | _        | <u> </u> | Щ          | _ |     |       | 84           | $\sqcup$            | $\perp$      | 4            | _      | _        | ┞        | 1 |
| <u> </u> | 35              | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>           | <u> </u>           | <u> </u> | <u> </u> | lacksquare | _ |     |       | 85           | Ц.                  | 4            | 4            | _      | <u> </u> | <u> </u> | 1 |
|          | 36              | <u> </u>   | <u> </u> | _            | _                  | <u> </u>           |          |          | Ш          |   |     |       | 86           | $\sqcup \downarrow$ | _            | 4            |        |          |          | Ļ |
|          | 37              | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>           | <u> </u>           |          | <u> </u> | Щ          |   |     |       | 87           | $\sqcup$            | _            | _            |        |          | <u> </u> | Ļ |
|          | 38              | _  | <u> </u> |              | <u> </u>           | <u> </u>           |          | <u> </u> | L          |   |     |       | 88           | $\sqcup$            | _            | _            |        |          | _        | ļ |
| <u></u>  | 39              | $ldsymbol{ld}}}}}}$ | <u> </u> | L            | L_                 | L_                 |          | <u> </u> |            |   |     |       | 89           | Ш                   | $\perp$      | $\downarrow$ |        |          |          | L |
|          | 40              | L  | <u> </u> |              |                    | _                  |          |          |            |   |     |       | 90           |                     |              | $\perp$      |        |          | <u> </u> | Ļ |
|          | 41              |  | <u> </u> | <u> </u>     | <u> </u>           | <u> </u>           |          | <u> </u> | _          |   |     |       | 91           | $\Box$              |              | $\perp$      |        |          | <u> </u> | L |
|          | 42              |  | <u> </u> |              | <u> </u>           |                    | L        | L        |            |   |     |       | 92           | Ш                   | $\perp$      | $\perp$      |        |          | L        | L |
|          | 43              | <u> </u>   |          |              |                    |                    |          | $\Box$   |            |   | [   |       | 93           |                     |              |              | ]      |          |          | l |
|          | 44              | _  | _        |              | $oxedsymbol{oxed}$ | $oxedsymbol{oxed}$ | $\Box$   |          |            |   | [   |       | 94           |                     |              |              | ]      |          | L        | L |
|          | 45              | Ĺ  |          |              |                    | 匚                  |          | $\Box$   |            |   |     |       | 95           |                     | $\perp$      |              |        |          | Ĺ        | Ĺ |
|          | 46              |  |          |              |                    |                    |          |          |            |   |     |       | 96           |                     | $oxed{\int}$ |              |        |          |          | ſ |
|          | 47              |  |          |              | $\mathbb{L}^{-}$   |                    |          |          |            |   |     |       | 97           |                     | $\Box$       | $\Box$       |        |          |          | Γ |
|          | 48              |  |          |              |                    |                    |          |          |            |   |     |       | 98           |                     | T            |              |        |          |          | Γ |
|          | 49              |  |          |              |                    |                    |          |          |            |   |     |       | 99           |                     |              | $\neg$       |        |          |          | Γ |
|          | 50              |  |          |              |                    |                    | Г        |          | П          |   |     |       | 100          | $\Box$              | 7            | 7            | $\neg$ |          |          | Ť |
|          |                 | •  |          |              |                    | •                  |          |          |            | _ |     |       |              |                     |              |              |        |          |          | - |

| Cla      | aim      | Date     |            |          |              |          |  |            |              |          |  |  |
|----------|----------|----------|------------|----------|--------------|----------|--|------------|--------------|----------|--|--|
|          | آ ≂ ا    |          |            |          |              | "        |  |            |              | •        |  |  |
| Final    | Original |          |            |          |              |          |  |            |              |          |  |  |
|          | 51       | -        | -          |          | <del> </del> | ├        | ├  |            |              | _        |  |  |
|          | 52       |          | -          | _        |              |          | ┝  | -          |              |          |  |  |
|          | 53       |          | -          |          | -            | ┢╾       | _  | $\vdash$   | _            |          |  |  |
|          | 54       |          | -          |          |              | ┢        | ┢  | -          | _            |          |  |  |
|          | 55       | _        |            | $\vdash$ |              | $\vdash$ | ┢  |            | _            |          |  |  |
|          | 56       |          | H          | -        |              | $\vdash$ | <del>                                     </del> |            |              |          |  |  |
|          | 57       |          |            |          |              | $\vdash$ | ┢  |            |              |          |  |  |
|          | 58       |          | Н          | -        |              | _        |  | -          |              |          |  |  |
|          | 59       | -        |            |          |              | <b></b>  | _  |            |              | -        |  |  |
|          | 60       | _        |            |          |              |          |  |            |              |          |  |  |
|          | 61       | _        |            |          | _            | _        |  |            |              |          |  |  |
|          | 62       |          | $\vdash$   |          |              |          |  |            |              |          |  |  |
|          | 63       |          |            |          |              |          |  |            |              |          |  |  |
|          | 64       |          |            |          |              | Ι        |  |            |              |          |  |  |
|          | 65       |          |            |          |              |          |  |            | _            |          |  |  |
|          | 66       |          |            |          |              |          |  |            |              |          |  |  |
|          | 67       |          |            |          |              |          |  |            |              |          |  |  |
|          | 68       |          |            |          |              |          |  |            | -            |          |  |  |
|          | 69       |          |            |          |              |          |  | Г          |              |          |  |  |
|          | 70       |          |            |          |              |          |  |            |              |          |  |  |
|          | 71       |          |            |          |              |          |  |            |              |          |  |  |
|          | 72       |          |            |          |              |          |  |            |              |          |  |  |
|          | 73       |          |            |          |              |          |  |            |              |          |  |  |
|          | 74       |          |            |          |              |          |  |            |              |          |  |  |
|          | 75       |          |            |          |              |          |  |            |              |          |  |  |
|          | 76       |          |            |          |              |          |  |            |              |          |  |  |
|          | 77       |          |            |          |              |          | L  |            |              |          |  |  |
|          | 78       |          |            |          |              |          |  |            | <u> </u>     |          |  |  |
|          | 79       |          |            |          |              | L        |  | L          |              |          |  |  |
|          | 80       |          |            | _        | L            |          | L  |            | _            | _        |  |  |
|          | 81       |          |            | _        |              |          | L_   |            |              | L.       |  |  |
|          | 82       |          |            | <u>_</u> |              |          | _  |            | L            |          |  |  |
|          | 83       |          |            | <u> </u> | L            | L.       | <u> </u>   | lacksquare | _            | <u> </u> |  |  |
| <u> </u> | 84       |          | lacksquare | L.,      | L            | <u> </u> | <u> </u>   |            | L            | <u> </u> |  |  |
| -        | 85       | _        | <u> </u>   |          | <u> </u>     | Щ.       | <u> </u>   | _          |              |          |  |  |
| <u> </u> | 86       |          | <u> </u>   | <u> </u> | <u> </u>     | H        | <u> </u>   | <u> </u>   |              | _        |  |  |
|          | 87       |          |            | _        | Ь.           | $\vdash$ | <u> </u>   | $\vdash$   | <u> </u>     | <u> </u> |  |  |
|          | 88       | _        | $\vdash$   |          | <u> </u>     |          | <u> </u>   | <u> </u>   | <u> </u>     | -        |  |  |
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|          | 90       | -        |            | <u> </u> |              | -        |  |            |              |          |  |  |
|          | 91<br>92 | -        | -          |          | -            |          |  | <u> </u>   | —            |          |  |  |
|          | 93       | -        | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$ | -  | -          |              | -        |  |  |
|          | 93       | -        |            |          |              | $\vdash$ | -  | $\vdash$   | <u> </u>     | _        |  |  |
| -        | 95       | -        | -          | -        | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$   | <del> </del> | <u> </u> |  |  |
| -        | 96       | $\vdash$ | $\vdash$   | $\vdash$ | -            | $\vdash$ | $\vdash$   | $\vdash$   | <del> </del> | <u> </u> |  |  |
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|          | 98       | -        | $\vdash$   | -        | $\vdash$     | -        |  |            |              |          |  |  |
|          | 99       | $\vdash$ | -          | -        | $\vdash$     | $\vdash$ | -  |            |              |          |  |  |
|          | 100      |          | -          | -        | $\vdash$     |          | $\vdash$   | -          | -            | -        |  |  |

| Cla   | aim                             | _        | _            |  | [            | Date     | <u> </u>     |              |  |                 |  |
|-------|---------------------------------|----------|--------------|--|--------------|----------|--------------|--------------|--|-----------------|--|
| Final | Original                        |          |              |  |              |          |              |              |  |                 |  |
|       | 101<br>102                      |          |              |  |              |          |              |              |  |                 |  |
|       | 102                             |          |              |  |              |          |              |              |  |                 |  |
|       | 103                             |          |              | L  |              | <u> </u> |              |              |  |                 |  |
|       | 104                             |          | _            | _  |              | <u> </u> |              |              |  | Ш               |  |
|       | 105                             | _        |              | <u> </u>   | _            | ļ        |              |              |  |                 |  |
|       | 106<br>107                      |          | -            | <u> </u>   |              | ├        | <u> </u>     | <u> </u>     | -  |                 |  |
|       | 107                             | -        | -            | ├─   | <del> </del> | ├        | <del> </del> | ┝            | -  |                 |  |
|       | 109                             | -        | $\vdash$     | $\vdash$   |              | -        |              | _            | -  |                 |  |
|       | 110                             | -        | _            | $\vdash$   |              |          |              | -            |  |                 |  |
|       | 111                             |          | -            |  | $\vdash$     | _        |              | _            |  |                 |  |
|       | 112                             |          |              |  |              |          |              |              |  |                 |  |
|       | 111<br>112<br>113<br>114<br>115 |          |              |  |              |          |              |              |  |                 |  |
|       | 114                             |          |              |  |              |          |              |              |  |                 |  |
|       | 115                             |          |              |  |              |          |              | L            |  |                 |  |
|       | 116                             | <u> </u> | L            | <u> </u>   | _            | <u> </u> | <u> </u>     |              |  | Щ               |  |
|       | 117<br>118                      |          | _            | ļ  | L            | ļ        |              |              | <u> </u>   |                 |  |
|       | 118                             |          |              | <u> </u>   |              | _        | $\vdash$     | <u> </u>     | <u> </u>   | Щ               |  |
|       | 119                             | <u> </u> | <del> </del> | ⊢  | $\vdash$     |          |              | <u> </u>     | H  | $\vdash$        |  |
|       | 120<br>121                      |          | ├─           | -  | -            | _        | ┝            | ├—           | _  | $\vdash$        |  |
|       | 122                             |          | <del> </del> | ┢┈   | ├            |          | <del> </del> | <del> </del> |  | Н               |  |
|       | 122<br>123<br>124               |          | $\vdash$     |  | ┢            |          |              | $\vdash$     |  | $\vdash$        |  |
|       | 124                             |          | $\vdash$     | $\vdash$   | $\vdash$     |          |              | $\vdash$     |  | Н               |  |
|       | 125                             |          |              |  |              |          |              |              |  |                 |  |
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|       | 129                             |          | _            | L  |              |          | <u> </u>     |              | <u> </u>   |                 |  |
|       | 130<br>131                      |          |              |  | ļ            | <u> </u> |              |              |  |                 |  |
|       | 131                             |          |              | <u> </u>   |              | _        | _            |              | ļ  | -               |  |
|       | 132                             |          |              | <u> </u>   | _            | <u> </u> | _            |              | ⊢  | $\dashv$        |  |
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|       | 139                             |          |              |  |              |          |              |              |  |                 |  |
|       | 140                             |          |              | $ldsymbol{f eta}$                                | $\Box$       |          | Щ            |              | Ш  | Ш               |  |
|       | 141                             |          |              | <u> </u>   | _            | _        | <u> </u>     | _            | $\vdash$   | $\square$       |  |
|       | 142                             |          | _            | H  | _            | _        | <u> </u>     | _            | Ш  | $\sqcup$        |  |
|       | 143                             | _        | -            | <u> </u>   | $\vdash$     | $\vdash$ | $\vdash$     |              | $\vdash$   | Н               |  |
|       | 144<br>145                      | _        | -            | $\vdash$   | <del> </del> | _        | <b>-</b>     | _            | Н  | $\vdash \vdash$ |  |
|       | 146                             |          | -            | $\vdash$   | -            | -        |              | -            | -  | $\vdash \vdash$ |  |
|       | 147                             |          |              |  | _            | -        | $\vdash$     | -            | -  | $\vdash$        |  |
|       | 148                             |          | _            | $\vdash$   | -            |          |              |              |  | $\dashv$        |  |
|       | 149                             |          | $\vdash$     | П  |              |          |              | П            |  | $\dashv$        |  |
|       | 150                             |          |              |  | Т            |          |              | _            |  | $\sqcap$        |  |
|       |                                 |          |              |  | _            | _        | _            | _            | _  |                 |  |